

Bestimme die Lösungsmenge!

$4x^2 - 64 = 0$ $\text{IL} = \{-2\}$	$(x + 1)^2 = 0$ $\text{IL} = \{-2\}$	$(x-2)(x+2) = 0$ $\text{IL} = \{-2\}$	$x^2 + 49 = 0$ $\text{IL} = \{-2\}$
$-6x+x^2+9=0$ $\text{IL} = \{3\}$	$-1 + x^2 = 0$ $\text{IL} = \{-1;! \}$	$(x-3)(x+3) = 0$ $\text{IL} = \{-3;3\}$	$(x-1)(-1+x)=0$ $\text{IL} = \{1\}$
$4x^2 - 4 = 0$ $\text{IL} = \{-1;1\}$	$4x^2-4x+1 = 0$ $\text{IL} = \{0,5\}$	$(-x+1)(1+x) = 0$ $\text{IL} = \{-1;1\}$	$0,2x^2=5$ $\text{IL} = \{-5;5\}$
$14x = 7x^2+7$ $\text{IL} = \{1\}$	$5x^2 = 10x$ $\text{IL} = \{2;0\}$	$(\frac{1}{3}x+2)(6-x)=0$ $\text{IL} = \{-6;6\}$	$(5-2x)^2 = 0$ $\text{IL} = \{2,5\}$
$4 - x^2 = 0$ $\text{IL} = \{-2;2\}$	$(x+144)^2 = 0$ $\text{IL} = \{-12\}$	$(2x+3)(5-x) = 0$ $\text{IL} = \{-1,5;5\}$	$x^2 + 1 = 0$ $\text{IL} = \{ \}$